



# Product Evaluation

WIN2245 | 1017

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2245

**Effective Date:** October 1, 2017

**Re-evaluation Date:** October 2021

**Product Name:** H3 2.0 Aluminum Clad Vinyl Wood Main Frame, Aluminum Clad Wood Sashes, Composite Mull, Double Hung Windows, Fin Installation, Non-Impact Resistant

**Manufacturer:** Sierra Pacific Windows  
575 South Whelen Avenue  
Medford, WI 54451  
(715) 748-2011

## General Description:

System	Description	Label Rating	Design Pressure Rating
1	Double Hung Windows; 3-Wide	LC-PG35 106 X 72-H	+35 / -35 psf
2	Double Hung Windows; 3-Wide; HP	LC-PG50 106 X 72-H	+50 / -70 psf
3	Double Hung Windows; 3-Wide	LC-PG35 120 X 84-H	+35 / -35 psf
4	Double Hung Windows; 3-Wide; HP	LC-PG50 120 X 84-H	+50 / -55 psf

## Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	105-1/2" x 71-1/2"	32-1/8" x 34-9/16"	32-1/8" x 34-9/16"
2	105-1/2" x 71-1/2"	32-1/8" x 34-9/16"	32-1/8" x 34-9/16"
3	120" x 83-1/2"	36-7/8" x 40-9/16"	36-7/8" x 41-11/16"
4	120" x 83-1/2"	36-7/8" x 40-9/16"	36-7/8" x 41-11/16"

**Product Identification (Certification Label on Window):**

System		
1, 3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Double Hung 3-Wide
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2, 4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Double Hung 3-Wide-HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1- 4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1, 3	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws
	Fastener Location/Spacing	Locate fasteners approximately 4" from each corner, approximately 8" on center along the sill and side jambs, and approximately 6" on center along the head.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
2, 4	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws
	Fastener Location/Spacing	Locate fasteners approximately 4" from each corner, approximately 8" on center along the sill and side jambs, and approximately 6" on center along the head. Installation Clips: 1.5" x 5"-8" x 20 gauge galvanized steel. One located at the mull post location at the head and sill. Secured to the window frame with one No. 8 x 2-1/2" PH SMS and to the wall framing with two No. 8 PPH screws.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.